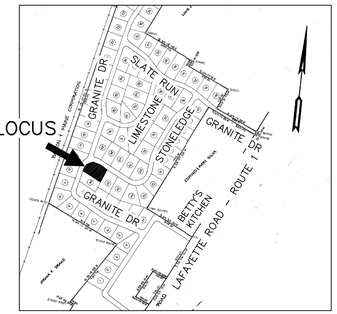
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 510 – HOOSIC
(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL ROOT EL 41.21
#2 SET PK ELEV 42.04
#3 SET HUB EL 44.05

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 40.0 WHICH IS NO MORE THAN 2.3' BELOW EXISTING GROUND AT THE HIGH CONTOUR THE DESIGNED EDS. (ELEV 42.3)

SUITABLE REPLACEMENT AREA:

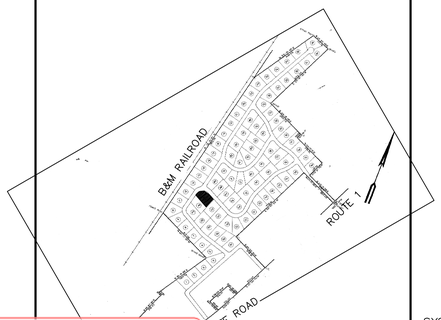
MUST BE DETERMINED BY RESUBMITTAL PER ENV–WQ 1003.10

LEGEND:

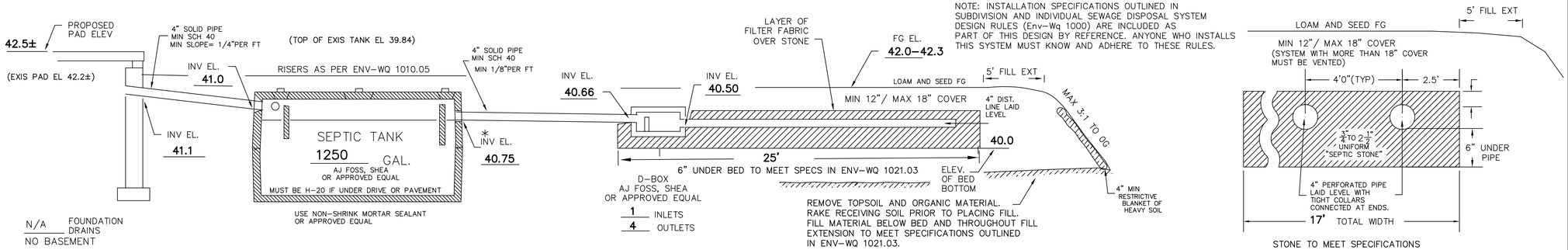
50 / (50) — EXISTING CONTOUR
PROPOSED CONTOUR
50.0 — EXISTING SPOT ELEVATION
(50.0) — PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
   RCRD PLAN D10742
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: 17912
   PREVIOUS CONSTRUCTION APPROVAL 100621
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75'
   b) NO WELLS WITHIN 75'
   c) NO HYDRIC B SOILS WITHIN 75'
   d) NO HYDRIC A SOILS WITHIN 75'
   OF PROPOSED SYSTEM



PLOT PLAN
NO SCALE


42.5±
PROPOSED PAD ELEV
(EXIS PAD EL 42.2±)
4" SOLID PIPE MIN SCH 40 MIN SLOPE= 1/4"PER FT
INV EL. 41.0
(TOP OF EXIS TANK EL 39.84)
RISERS AS PER ENV–WQ 1010.05
4" SOLID PIPE MIN SCH 40 MIN 1/8"PER FT
INV EL. 41.1
SEPTIC TANK
1250 GAL.
AJ FOSS, SHEA OR APPROVED EQUAL
MUST BE H–20 IF UNDER DRIVE OR PAVEMENT
* INV EL. 40.75
USE NON–SHRINK MORTAR SEALANT OR APPROVED EQUAL
N/A FOUNDATION DRAINS
NO BASEMENT
INV EL. 40.66
INV EL. 40.50
LAYER OF FILTER FABRIC OVER STONE
FG EL. 42.0–42.3
LOAM AND SEED FG
5' FILL EXT
MIN 12"/ MAX 18" COVER
4" DIST. LINE LAID LEVEL
MAX 3:1 TO OG
40.0
25'
6" UNDER BED TO MEET SPECS IN ENV–WQ 1021.03
ELEV. OF BED BOTTOM
4" MIN RESTRICTIVE BLANKET OF HEAVY SOIL
D–BOX AJ FOSS, SHEA OR APPROVED EQUAL
1 INLETS
4 OUTLETS
REMOVE TOPSOIL AND ORGANIC MATERIAL. RAKE RECEIVING SOIL PRIOR TO PLACING FILL. FILL MATERIAL BELOW BED AND THROUGHOUT FILL EXTENSION TO MEET SPECIFICATIONS OUTLINED IN ENV–WQ 1021.03.
NOTE: INSTALLATION SPECIFICATIONS OUTLINED IN SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES (Env–Wq 1000) ARE INCLUDED AS PART OF THIS DESIGN BY REFERENCE. ANYONE WHO INSTALLS THIS SYSTEM MUST KNOW AND ADHERE TO THESE RULES.
LOAM AND SEED FG
5' FILL EXT
MIN 12"/ MAX 18" COVER
(SYSTEM WITH MORE THAN 18" COVER MUST BE VENTED)
4'0"(TYP)
2.5'
3/4" TO 2 1/2" UNIFORM "SEPTIC STONE"
6" UNDER PIPE
4" PERFORATED PIPE LAID LEVEL WITH TIGHT COLLARS CONNECTED AT ENDS.
17' TOTAL WIDTH
STONE TO MEET SPECIFICATIONS OUTLINED IN ENV WQ 1016.04

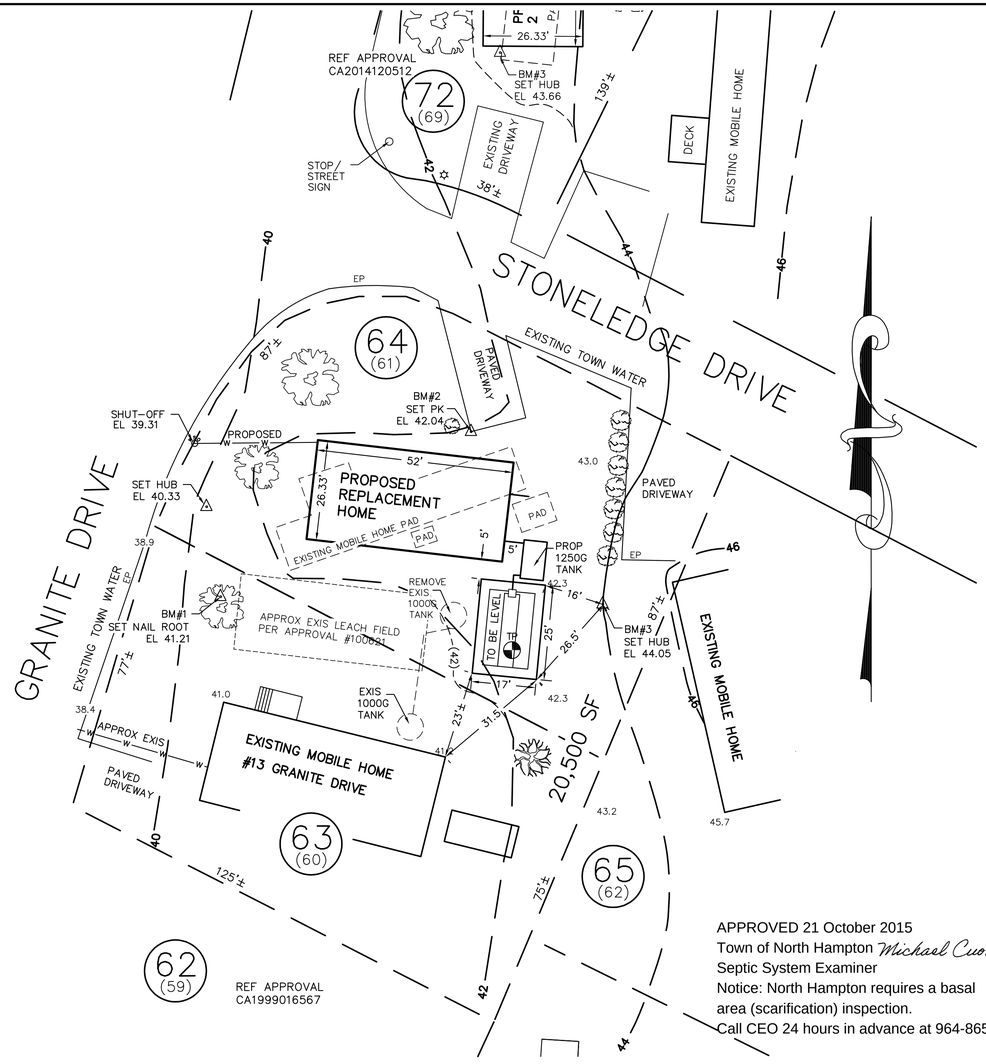
PLAN : 1"=20'

5 DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404) INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.

6. PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURES WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS. THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL

THIS IS A "SHELF" PLAN PREPARED ONLY TO ALLOW FOR THE PROPOSED REPLACEMENT OF FORMER MOBILE HOME WITH CHANGE IN BUILDING FOOTPRINT. LOADING WILL REMAIN THE SAME (MAX 4 PERSON) (UNDER RULE 1014.15 REQUIREMENT)

PROPOSED SYSTEM IS ONLY INTENDED FOR INSTALLATION IN EVENT OF EXISTING SYSTEM FAILURE. ALL UTILITIES MUST BE FIELD VERIFIED PRIOR TO INSTALLATION OF NEW STRUCTURE. NEW STRUCTURE MUST BE MINIMUM 5' FROM EXISTING SEPTIC TANK AND LEACH FIELD. WATER LINES MUST BE RELOCATED AS NEEDED TO MAINTAIN 25' FROM LEACH FIELD AND 10' FROM SEPTIC TANK. RELOCATE OTHER UNDERGROUND UTILITIES AS NEEDED TO ACCOMODATE NEW SYSTEM COMPONENTS.



APPROVED 21 October 2015
Town of North Hampton *Michael Cuomo*
Septic System Examiner
Notice: North Hampton requires a basal area (scarification) inspection.
Call CEO 24 hours in advance at 964-8650.

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Date: 10/23/2015
#GA2015102347

TP TEST PIT DATA

DATE: NOVEMBER 5, 2014
TOWN INSPECTOR: MIKE CUOMO

TEST PIT #1 ELEV 42.2

0 –8 " TOPSOIL 10YR3/3 FINE SANDY LOAM, GRANULAR FRIABLE
8–12" 10YR5/6 GRAVELLY SANDY LOAM GRANULAR FRIABLE
12–76" 2.5Y4/4 GRAVELLY COARSE SAND LOOSE GRANULAR

NO EVIDENCE OF SHWT
NO OBSERVED WATER
NO REFUSAL

PT PERC TEST DATA

PERC RATE: <2 MIN/IN
DESIGN LOADING: EXISTING 2 BEDROOMS
AREA REQUIRED: 400 SF REQUIRED
AREA PROPOSED: 17' X 25' = 425 SF PROVIDED

SEPTIC SYSTEM PLAN

RULE ENV–WQ 1004.15 REPLACEMENT DESIGN FOR INSTALLATION ONLY IN EVENT OF EXIS SYSTEM FAILURE

LOCUS: #1 STONELEDGE DRIVE
GRANITE POST GREEN (/F PINE ACRES)
TAX MAP 17 LOT 82–64
NORTH HAMPTON, NH

OWNER: LUCK ENTERPRISES, INC.
PO BOX 700
NORTH HAMPTON, NH 03862–0700

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Ann W. Bialobrzeski No. 348 Water Quality & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

DATE: OCTOBER 17, 2015
APPROVAL:

702 (SITE 64)